

YANAT'YEVA, O.K.; RAPOORT, G.S.; RASSONSKAYA, I.S.; USTINOVA, M.B.

Physicochemical investigations of calcium and magnesium carbonates appropriate to the conditions of sovelit production. Zhur.prikl. khim. 34 no.10:2347-2350 0 '61. (MIRA 14:11)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR. (Sovelit) (Calcium carbonate) (Magnesium carbonate)

Ustinova, M. D.

USSR/Chemical Technology - Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62377

Author: Ustinova, M. D.

Institution: None

Title: Putting into Practice the Production of Concrete Plasticizer

Original Periodical: Gidroliznaya i lesokhim. prom-st', 1956, No 1, 21

Abstract: It is proposed to produce of powdery water-soluble preparation SNV (resin neutralized and air-intaking), produced by saponification of abietic resin. This preparation is made as follows: one part by weight of abietic resin is neutralized with 0.15 parts by weight of NaOH and 2-3 parts by weight of water are added, the mixture is stirred until it becomes homogeneous, is poured in pans and placed in a thermostat at 105-107°. The resulting product is powdered. Addition of hundredths parts of one percent on the basis of the weight of the cement, sharply increases plasticity of concrete mix, and improves frost-resistance and impermeability.

Card 1/1

~~USTILOVAYA M.D.~~

More attention should be paid to the activities of permanent
industrial conferences. Tekst. prom. 19 no.6:73-74 Je '59.
(MIRA 12:9)

1. Sekretar' Tadzhikskego respublikanskogo komiteta profsoyuza
rabochikh tekstil'noy i legkey promyshlennosti.
(Employees' representation in management)

I. 01041-67 EWT(m)/FWP(j)/T RM

ACC NR: AP6019545

(A)

SOURCE CODE: UR/0190/66/008/006/1098/1102

42

AUTHOR: Fedotova, O. Ya.; Shtil'man, M. I.; Ustinova, M. S.

B

ORG: Moscow Institute of Chemical Technology im. D. I. Mendeleyev (Moskovskiy khimi-ko-tehnologicheskiy institut)

TITLE: Preparation of polyfunctional polyamides

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 6, 1966, 1098-1102

TOPIC TAGS: polyamide, IR spectrum, x ray analysis, solid mechanical property, polymer structure

ABSTRACT: Synthesis of polyhexanethylenefumar-N,N'-di(β -cyanoethyl)amide and polyhexamethylenefumar-N,N'-di-(β -amidoethyl)amide was studied. Structure by IR and x-ray spectroscopy, specific viscosity of a 5% solution in HCOOH, melting points, softening temperatures, composition (elementary analysis), and yields as a function of the concentration of the starting reagents were determined for the product polyamides. In a typical synthesis, suitable amounts of dichloroanhydride of the fumaric acid, diamine, and either an alkali or an acid were dissolved in an organic solvent or water. The mixture was then agitated (at room temperature) for 30 min at 400 rpm. After reaction completion, the mixture was neutralized and the polymer was distilled off with steam, washed first with methanol and then with hot water until neutral reaction. The high-

UDC: 541.64+678.675

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ACC NR: AP6019545

est yield (81%) and the highest specific viscosity (0.13) of the polyamide product resulted when the KOH concentration in the starting mixture was equal to 1.0 mol/liter. It was found that the thermomechanical properties (dependence of deformation upon temperature) of the polyamides with $\text{CH}_2\text{CH}_2\text{CONH}_2$ -substituents were superior to those of the polyamides with $\text{CH}_2\text{CH}_2\text{CN}$ -substituents. Orig. art. has: 4 figures, 1 table.

SUB CODE: 07/ SUBM DATE: 08Jun65/ ORIG REF: 005

awm

Card 2/2

POTAPOV, A.S., starshiy nauchnyy sotr.; DEDOV, A.G., mladshiy nauchnyy
sotr.; USTINOVA, N.A., mladshiy nauchnyy sotr.; GUN, K.K., red.

[Chemical and rubber industry of capitalist countries] Khimicheskaiia
i rezinovaiia promyshlennost' kapitalisticheskikh stran; statisticheskii
sbornik. Moskva, Nauchno-issl. in-t tekhniko-ekon. issledovanii, 1960.
205 p.

1.Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po khimi.
(Chemical industries—Statistics) (Rubber industry—Statistics)

L 08397-67 EWT(1)/EWT(m)/EWP(t)/ETI IJP(c) JD/JW/JG
ACC NR: AP6031964 SOURCE CODE: UR/0051/66/021/003/0395/0396

AUTHOR: Alybakov, A. A.; Ustinova, N. D.; Gubanova, V. A.; Shamyrkanov, I.

ORG: none

TITLE: Effect of ionizing radiations on the formation of color centers and photoluminescence of the NaF-U phosphor crystal

SOURCE: Optika i spektroskopiya, v. 21, no. 3, 1966, 395-396

TOPIC TAGS: x ray irradiation, gamma irradiation, color center, sodium compound, fluoride, photoluminescence, electron trapping

ABSTRACT: NaF-U samples cut out along (100) planes from annealed crystals grown by the Kyropoulos method were exposed to x and γ rays, and their absorption spectra were analyzed. As the concentration of uranium in NaF increased, the absorption maxima corresponding to F, R and M color centers decreased, and at high U concentrations (0.05 mole %), no R centers were formed at all. The faint colorability of the uranium-activated NaF crystals as compared to pure NaF crystals is attributed to the fact that as the impurity concentration rises, the number of activator trapping centers increases and hence the possibility of creation of electron color centers of nonactivator origin decreases. The luminescence spectrum of NaF-U is a line spectrum and covers the 510-650 nm range. The luminescence intensity depends strongly on the activator concentration. With increasing irradiation dose, the luminescence intensity of

UDC: 535.373.1

Card 1/2

L 08397-67

ACC NR: AP6031964

activated crystals decreases, while at the same time a continuous spectrum appears which resembles that of pure irradiated samples. The decrease in the intensity of the line spectrum upon irradiation is probably due to the same cause as the weaker colorability of the impurity-containing crystals, i. e., a decrease in the concentration of activator centers due to their trapping of electrons and a decrease in the valence of uranium. Orig. art. has: 2 figures.

SUB CODE: 20/ SUBM DATE: 22Nov65/ ORIG REF: 006/ OTH REF: 005

Card 2/2 afs

SHIPINOVA, S.I.; USTINOVA, N.M.

Parasitic nematodes of plants in Azerbaijan. Trudy probl. 1
(MIRA 8:5)
tem.soveshch. no.3:97-105 '54.

1. Azerbaydzhanskaya stantsiya zashchity rasteniy.
(Azerbaijan—Root knot) (Root knot—Azerbaijan)

USTIMOVA, N.N.

One modification of the straight line method. Uch. zap. Kaz. un. 115
no.14:159-167 '55. (MLRA 10:4)
(Approximate computation) (Differential equations)

USTINNOVA, O.A.

Conditions for the industrial use of Bokson deposit bauxite-like ores.
Trudy Vost.-Sib.fil. AN SSSR no.12:65-70 '58. (MIRA 11:11)

1. Sovet po izucheniyu proizvoditel'nykh sil AN SSSR.
(Bokson Valley--Bauxite) (Aluminum--Electrometallurgy)

AUTHORS: Drinberg, A. Ya. (Deceased), Kobetskaya, V. M. 64-58-3-10/20
Gurevich, Ye. S., Ustinova, O. N.

TITLE: Paints Based on Oil-Soluble Phenol-Aldehyde Resins
From Mixtures of Slate and Coal Phenols (Kraski na osnove
maslorastvorimykh fenoloal'degidnykh smol iz smesey slantsevykh
i kamennougol'nykh fenolov)

PERIODICAL: Khimicheskaya Promyshlennost', 1958, Nr 3, pp 35-38 (USSR)

ABSTRACT: In the search for cheaper raw materials for 100% oil-soluble phenol resins, slate resins or oils which are obtained in the condensation of the distillation products of natural slate were found as favorable initial products as they contain up to 20% phenols. These latter are strongly different from coal phenols; their number is higher than 40, the main quantity consisting of substituted phenols, and up to 10% carboxylic acids are present. A method was worked out for the separation of phenols from the light and middle oils of slate oils in which a 10% solution of sodium hydroxide was used at 70-75°. The phenols thus obtained showed a great capability of reaction. A condensation with formaldehyde place at 60-80° with catalyst or without; an addition of synthetic phenols or coal phenols led to

Card 1/2

Paints Based on Oil-Soluble Phenol-Aldehyde Resins
From Mixtures of Slate and Coal Phenols

64-58-3-10/20

better results. In tables recipe data are given which show that standard products can be obtained as well as paints of high quality for priming coat, paints which are waterproof and weatherproof. With that a decrease of the consumption of glycerin and of phthalic anhydride can be reached in the production of glyptalic resins. There are 4 tables and 7 references, 6 of which are Soviet.

1. Paints--Preparation 2. Paints--Properties 3. Phenolic resins--
Sources 4. Phenols--Chemical reactions

Card 2/2

OKHRIMENKO, I.S.; KOBETSKAYA, V.M.; USTINOVA, O.N.; BEREZHNYKH, T.A.

Changes of styrene-butadiene latexes in lacquer coatings. Lakokras. mat.
i ikh prim. no.4:26-30 '60. (MIRA 13:10)

1. Leningradskiy tekhnologicheskiy institut im. Lensoveta.
(Paint materials) (Butadiene) (Latex)

KOBETSKAYA, V.M.; USTINOVA, O.N.

Determining optimum volume concentrations of pigments in
paints from styrol butadiene latexes. Lakokras. mat. i ikh.
prim. no. 4:11-13 '61. (MIRA 16:7)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.
(Pigments) (Paint)

KOBETSKAYA, V.M.; Prinimala uchebniye USTINOVA, O.N.

Styrene-butadiene paints for outdoor painting. Lakeras. mat. i ikh
prim. no.3:16-18 '63. (MIRA 16:9)

1. Leningradskiy tekhnologicheskiy institut imeni Lenseveta.
(Styrene) (Painting, Industrial)

USTINOVА, Т.

35960 kronoki. (kronotskiy zapovednik na kamchatke. ocherk. S
primech. red.) vokrug sveta, 1949, No. 11, S. 58-59

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

67605
SOV/179-59-5-29/41

24,4100

AUTHORS: Kondrat'yev, A.S. and Ustinova, T.I.

TITLE: The Limits of Longitudinal Load Between Which
Oscillatory Behaviour of a Longitudinally Compressed Rod
Exists

PERIODICAL: Izvestiya Akademii nauk, SSSR, Otdeleniye tekhnicheskikh
nauk, Mekhanika i mashinostroyeniye, 1959, Nr 5,
pp 141-143 (USSR)

ABSTRACT: The paper is a continuation of previous work (Ref 2).
The discussion is based on the following theorem:
If the rectilinear form of equilibrium of the rod remains
stable under the influence of a longitudinal axial load,
then in order to establish the oscillatory nature of the
influence functions, it is sufficient to show that the
deflection does not change sign more than $n-1$ times under
the action of n concentrated lateral forces. The theorem
is applied to a rod rigidly clamped at the ends and it is
shown that the influence functions are oscillatory if the
value of the longitudinal load P does not exceed a
certain limit P_1 . There are 4 Soviet references. *4*

SUBMITTED: October 6, 1958

Card 1/1

10.7500

S/140/61/000/005/002/007
C111/C222

AUTHORS: Kondrat'yev, A. S., and Ustinova, T.,

TITLE: The solution of the problem on the oscillation properties
of the vibrations of buckling bars

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika,
no. 5, 1961. 19-22

TEXT: In (Ref. 2: A. S. Kondrat'yev, Z. S. Chaykina: Ostsillyatsionnye
svoystva prodol'no-szhatogo sterzhynya [Oscillation properties of
a buckling bar] PMM, 21, vyp. 4, 1957) it was shown that the influence
function $H(x,s; P)$ of a buckling bar for all boundary conditions has
the oscillation property if the acting load is not greater than the
least eigenvalue of a certain boundary value problem. In the present
paper the authors give a complete solution of the problem, i. e. it is
shown that the influence function has the oscillation property for all
values of P being smaller than the first critical load. This solution
is complete inasmuch as for $P > P_{krit}$ the straight-line
equilibrium form becomes unstable and oscillations around it are
impossible. - There are 3 Soviet-bloc references.

SUBMITTED: April 6, 1959

Card 1/1

USTINNOVA, T. I.

Kamchatka - Springs

Vorkhno-Benyachinskiye hot springs, Izv. Vses. poch. obshva 79, No. 4, 1947.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

USTINOVA, T. I.

PA 10/49T68

USSR/Geology
Volcanology

Jul/Aug 48

"Krashennikova Volcano," T. I. Ustinova, 12 pp

"Iz v-s Geograf Obshch" Vol LXXX, No 4

Gives detailed description of volcano in central part of east coast of Kamchatka. Illustrated with sketch map, crater diagrams and three photographs.

FIB

10/49T68

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001858220010-4

USTINOVA, T.I.

The geysers of Kamchatka. Trudy Lab. Gidrogeol. Problem im. F.P.
Savarenetskogo, Akad. Nauk S.S.R. 2, 144-57 '49. (MLRA 5:9)
(CA 47 no.15:7702 '53)

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001858220010-4"

1. USTINOVA, T. I., KRAPIVINA, S. S.
2. USSR (600)
4. Springs-Kamchatka Peninsula
7. Conditions of discharge and chemism of the springs in the reservations on the Kamchatka Peninsula.
Trudy Lab. gidrogeol. probl. 10, 1951
9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

USTINOVA, T. I.

Gamchen Sopka. Biul.Vulk.sta. no.21:47-55 '54. (MLRA 8:11)
(Gamchen Sopka)

USTINOVA, Tat'yana Ivanovna, MARGOLIN, Ya.A., redaktor; RIVINA, I.N.,
tekhnicheskly redaktor.

[Geyzers of Kamchatka] Kamchatskie geizery. Moskva, Gos.isd-vo
geogr.lit-ry, 1955. 119 p.
(MLRA 8:9)
(Kamchatka--Geyzers)

USTINOVA, T.I.

Interpretation of the karst relief of Karabi-Yayla in the Crimea.
Nauk. zap. L'viv. un. 40:144-149 '57. (MIRA 11:6)

I. Krymskiy filial AN USSR, Simferopol'.
(Crimea--Karst)

DRUNYA, Anatoliy Vasil'yevich, kand. geol.-miner. nauk; USTINOVA,
Tat'jana Ivanovna, kand. geogr. nauk; SHCHUKIN, Yuriy
Konstantinovich; EDEL'STEYN, A.Ya., kand. geol.-miner.
nauk, red.; MAL'TSEVA, L., red.

[Problems of the tectonics and seismology of Moldavia] Problemy
tektoniki i seismologii Moldavii. Kishinev, Kartia moldo-
veniaske, No.2, 1964. 119 p. (MIRA 19:1)

USTIMOVA, T.P. (g. Pervoural'sk, Sverdlovskoy obl.)

Gunn's synkinetic syndrome. Oft.shur. 14 no.8:501-502 '59.
(MIRA 13:4)

(EYELIDS--DISEASES)

SOV/81-59-16-5681⁴

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, pp 115-116 (USSR)

AUTHORS: Buravlev, Yu.M., Neumina, G.P., Ustinova, V.I.

TITLE: The Investigation of the Effect of Alloy Structure on the Results of Spectral Analysis of Chromium-Silicon-Manganese Steels

PERIODICAL: V. sb.: Materialy 1-go Ural'skogo soveshchaniya po spektroskopii, 1956,
Sverdlovsk, Metallurgizdat, 1958, pp 16-27

ABSTRACT: The investigation was carried out in connection with the issue by the Ural Institute of sets XXI and XXII of standards for medium-alloyed chromium-manganese and silicon-chromium steels. The bars were burnt at 800°C, cut into two parts and one part was tempered in water after heating to 810 - 860°C. After metallographic investigation the spectra were photographed which were obtained by excitation in a high-voltage condensated spark from the IG-2 generator operating with a complex circuit (capacity 0.01 μ farad, self-induction 0.05 millihenry), and in an a-c arc at 3 a with an upper carbon electrode at an arc gap of 0.6 mm. Systematic discrepancies between the values of ΔS for tempered and burnt samples do not exceed the triple root-mean-square error reaching $3\sigma \approx 2.5\%$ at spark treatment of 60 sec or burning of 5 sec; in the analysis without spark treatment and

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SOV/81-59-16-56814

The Investigation of the Effect of Alloy Structure on the Results of Spectral Analysis
of Chromium-Silicon-Manganese Steels

and burning the discrepancy of the results is more pronounced. The value of the structure effects for some elements depends on the composition of the alloy; an increase in the burning time to 40 sec does not reduce the structure effect. In the spark excitation of spectra the standards of both sets can be used for the analysis of samples with different thermal treatment. In arc excitation, due to the high structure effect the standards are suitable only for the analysis of burnt metal.

G. Kibisov.

Card 2/2

LISITINA, V. I.

PAGE 1 BOOK EXTRATION

507/4559

Ural'skogo sovetskogo po spektrom.

Materijaly 2-Ural'skogo sovetskogo po spektrometrii. Sverdlovsk, 1958. Ed. (Materials of the Second Ural Conference on Spectroscopy, held in Sverdlovsk, 1958.) Sovzavod, Metalurgizdat, 1959. 255 p. Printed 1,000 copies.

Sponsoring Agency: Ural'skij filial Akademii nauch. SSSR. Komisija po spektrometrii i analiticheskim issledovaniyam metallov.

Klub "Naukno-tekhnicheskikh zhurnalistov" v Gospromu. Pravlenie po literaturi, Tchkh.

PREFACE: This collection of articles is intended for specialists involved in laboratory workers at ferrous and nonferrous metallurgical plants, and for industrial personnel of the metal-working industry, geological and prospecting organizations, and similar scientific research laboratories.

CONTENTS: The collection contains papers read at the Second Ural Conference on the Spectral Analysis of Ferrous and Nonferrous Metals and Alloys, on the spectral analysis of refractories and other materials used in industry, and, separately, on the reference includes articles on the analysis of ore, the material of the ore (including the determination of gases), pyroclastics, nonferrous and light metals and alloys, rare earth metals, etc. The present volume is intended to disseminate the latest experience in working with spectral apparatus, and to report on the results of extensive research. The author thanks N. I. Orlitsk and Yu. M. Kurnikov. Almost all of the articles are accompanied by references.

Zolotukhin, G. Ye. Investigation of the Interaction of the Components of an Alloy on the Degree of Localization of Atoms 23

Aleksandrov, Yu. N. Some Distribution Characteristics of Particles in URAZAC ARE 29

Aleksandrin, G. Ye. Investigation of Evaporation Kinetics of Oxidized Metallic Electrodes of an Arc 36

Sobolev, A. V.; G. I. Dzhala, and V. P. Shirokovskiy. Double Reflection of Uniaxial Semiconductor Crystals 39

Buravlev, Yu. M. Problem of the Entry of the Probe Material Into the Microscope Glass During the Spectral Analysis of Steel 42

Bal'ev, M. O., and F. I. Demchenko. Application of Contact Electric Spectrometer for Determining the Effect of Composition Structure, and Shape of Samples During the Spectral Analysis of Certain Alloys 50

Kurnikov, Yu. M., I. V. Kurnikova, and V. I. Velikaya. Investigation of the Effect of Structure on the Spectral Analysis Results 56

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Dzhala, V. V., S. I. Zubakov, O. V. Koroleva, V. T. Korshunov, and V. I. Lutsenko. Spectral Analysis of Steels with a Moderate Percentage of Structural Steel 69

Buravlev, Yu. M., V. I. Ustinova, and D. Ya. Shashkov. Effect of Cutting on the Results of the Spectral Analysis of High-Speed Cutting Steel 70

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Kurnikov, Yu. M. A New Method and E. A. Kurnikova. Spectral Analysis of Steel and Its Derivatives 87

Buravlev, Yu. M. Spectral Analysis of Gases Contained in Metals 93

Gorshenin, A. B. Spectral Analysis of Multicomponent Systems Using a High-Speed Recording Device 105

Popov, V. A. Spectral Analysis of Ferromanganese, Ferromanganese, and Titanium Concentrates 110

Kostylev, A. Application of Spectral Analysis at the Semiready Metallurgical Plant 112

Gorshenin, G. I., and L. G. Bobrova. Spectral Analysis at the "Voronezh" Plant 118

Khazanov, Yu. M., V. Burdin, and A. K. Tsvetkov. Spectral Analysis of Chromite-Rust Slags 119

Bobrova, L. D. Spectral Methods of Analysing Products of the Magnesium and Titanium Industry 120

Kostylev, A. Application of Spectral Analysis at the Semiready Metallurgical Plant 121

USTINOV A. V. I.

110

PHASE I BOOK EXPLOITATION

SOV/6181

Ural'skoye noveshchaniye po spektroskopii. 3d, Sverdlovsk, 1960.
Materialy (Materials of the Third Ural Conference on Spectroscopy) Sverdlovsk, Metallurgizdat, 1962. 197 p. Errata slip inserted. 3000 copies printed.

Sponsoring Agencies: Institut fiziki metallov Akademii nauk SSSR. Komissiya po spektroskopii; and Ural'skiy dom tekhniki VSNTO.

Eds. (Title page): G. P. Skornyakov, A. B. Shayevich, and S. G. Bogomolov; Ed.: Gennadiy Pavlovich Skornyakov; Ed. of Publishing House: M. L. Kryzhova; Tech. Ed.: N. T. Mal'kova.

PURPOSE: The book, a collection of articles, is intended for staff members of spectral analysis laboratories in industry and scientific research organizations, as well as for students of related disciplines and for technologists utilizing analytical results.

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Materials of the Third Ural Conference (Cont.)

SOV/6181

COVERAGE: The collection presents theoretical and practical problems of the application of atomic and molecular spectral analysis in controlling the chemical composition of various materials in ferrous and nonferrous metallurgy, geology, chemical industry, and medicine. The authors express their thanks to G. V. Chentsova for help in preparing the materials for the press. References follow the individual articles.

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PART I

Sherstkov, Yu. A., and L. P. Maksimovskiy. Investigation of the dependence of the total intensity of spectral lines on the concentration of elements in an arc-discharge plasma 4

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Materials of the Third Ural Conference (Cont.)	SOV/6181
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Fishman, I. S. Experimental investigation methods of material admission [from electrodes into the discharge zone]	60

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BELYAYEV, V.P.; KALINACHENKO, V.R.; KUZ'MIN, N.M.; YAKIMENKO, L.N.;
ARSHAVSKAIA, V.V.; RUDENCHIK, Yu.I.; SIEVKUN, I.G.;
SHKLOVER, L.P.; BURAVLEV, Yu.M.; PEREPELKINA, M.A.;
USTINIOVA, V.I.; NEUYMINA, G.P.; ENGEL'SHT, V.S.; TRAPITSYN, N.F.;
BULANOV, Yu.A.

Exchange of experience. Zav.lab. 26 no.6: 685-687 '62.
(MIRA 15:5)

1. Khimicheskiy zavod imeni Vaykova (for Shklover). 2.
Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov
(for Buravlev, Perepelkina, Ustinova, Neuymina). 3. Kirgizskiy
gosudarstvennyy universitet (for Engel'sht, Trapitsyn, Bulanov).
(Spectrum analysis)

BURAVLEV, Yu.M.; PEREPELKINA, M.A.; USOV, V.N.; USTINOVA, V.I.

Use of a rectified condensed spark for spectral analysis of alloys.
Zav.lab. 29 no.8:1005-1006 '63. (MIRA 16:9)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov.
(Alloys—Spectra) (Electric spark)

USTINOVA, V.M.

Use of quick-setting adhesives in the manufacture of footwear.
Kozh.-chuv. prom. 6 no.12±20-22 D '64 (MIRA 1882)

MATVEYEV, M.A., doktor tekhn.nauk, prof.; SMIRNOVA, K.A.; USTINOVA, V.P.

Filtering ceramics made of substances based on wastes from
asbestos-dressing plants. Stek. i ker. 19 no.8:28-32 Ag
'62. (MIRA 15:9)
(Ceramic materials) (Filters and filtration)

MURSKIY, L.I.; USTINOVA, V.K.

Cerebral cortical function in revived animals. Biul. eksp.biol. i
med. 38 no.12:19-22 D '54. (MLRA 8:3)

1. Iz kafedry fiziologii (zav. dots. L.I.Murskiy) Yaroslavskogo
pedagogicheskogo instituta imeni K.D.Ushinskogo (zav. dir. A.S.
Gvozdarev)

(CEREBRAL CORTEX, physiology,
in resuscitated animals)

(RESUSCITATION,
cerebral cortex in resuscitated animals)

USTINOV, V. V.

USTINOV, V. V. - "The training of certain insects in spiders, and
subsequent formation of various stimuli and reflexes to the same
and the same stimulus". Vseslav', USSR. Vseslav' State University.
Medical Inst. meni K. D. Nezhinskogo. (Dissertation for the degree of
Candidate of Biological Science.)

SO: Knizhnaya Letopis', no. 42, 22 October 1955. Moscow

USTINOVA, V.M.

Effect of various factors on the adhesive properties of synthetic
latexes. Nauch.-issl. trudy TSNIKP no. 32:87-95 '60. (MIRA 15:12)
(Adhesives—Testing)

USTINOV, Ye., (Engr-Col)

Listed as the author of article, "The Vehicle Technical Servicing Point in the Camp Vehicle Park," which appears in Tankist, No 5, May 1954. (Sovetskaya Armiya, Group of Soviet Forces, Germany, 25 May 54).

SO: SUM No. 208, 9 Sep 1954

USTINOVА, Ye. I.

20621 USTINOVА, Ye. I. Kharakteristika mekhvidovogo gibaida hibiscus esculentus
Hibiscus manifhot. Piroda, 1949, No. 6, s. 58-60.-Bibliogr: 5 NAZV.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

USTINOVА, YE. I.

Plants - Embryology.

Germ development in the sunflower under different types of pollination.
Dokl. Ak. Sel'khoz., 16, no. 11, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 195³; Unclassified.

USTINOVА, Ye. I.

Trees

Biology of flowering of deciduous trees. Les. khoz. No. 1, 1952.

2

9. Monthly List of Russian Accessions, Library of Congress, September 1953, Unclassified.

USTINOVA, YE. I.

Onions

Anomalies in the structure of racemes and flowers of onions. Bot. zhur. 38, No. 1, 1953.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

FD - 1574

USSR/Biology - Botany

Card 1/1 : Pub. 42-6/11

Author : Ustinova, Ye. I.

Title : Effect of the quantity and variety of pollen on the fertilization and
the development of the embryo in the sunflower

Periodical : Izv. AN SSSR. Ser. biol. 5, 74-87, Sep-Oct 1954

Abstract : Investigated effect of quantity and variety of pollen on fertilization
and the development of the embryo in the sunflower by comparison of the
following: fertilization, growth of pollen tubes, development of embryo
and endosperm, transformation of ovule tissue during development of the
embryo, and the nature of the divisions during various stages of the
embryo, transformation of the ovule into a seed. Tables; micro-section drawings.
Twenty three references, all USSR (22 since 1940).

Institution : Moscow State University, Department of Genetics and Selection

Submitted : April 18, 1954

USTINOVA, Ye. I.

Occurrence of apospory in sunflower. Dokl. AN SSSR 100
no. 6:1163-1166 F '55. (MIRA 8:6)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova
Predstavлено академиком A.L. Kursanovym.
(Sunflowers)

SEVAST'YANOV, N.V.; USTINOVA, Ye.T.

Dyeing knitted hosiery. Leg.prom.15[i.e.16] no.3:51-54 Mr '56.
(Hosiery industry)(Dyes and dyeing--Cotton) (MLRA 9:?)

UST'INOVA, Ye.I.

Some characteristics of the formation of generative organs in corn
inflorescences. Bot.zhur.41 no.6:864-867 Je '56. (MIRA 9:10)

1.Moskovskiy gosudarstvennyy universitet.
(Corn (Maize)) (Plants, Sex in)

USTINOVA, Ye.I.

Fertilization and development of the embryo in sunflowers under
different conditions of pollination. Vest. Mosk. un. Ser. biol.,
pochv., geol., geog. 12 no.4:25-37 '57. (MIRA 11:5)

1. Kafedra genetiki Moskovskogo gosudarstvennogo universiteta.
(Sunflowers) (Fertilization of plants)

USTINOVA, Ye.I.

Rhythm of the development of flower buds in broad-leaved trees and
Scilla sibirica Andr [with summary in English]. Biul. MOIP. Otd.
biol. 63 no. 6:107-115 N-D '58 (MIRA 12:1)

(INFLORESCENCE)

(TREES)

(SQUILLS)

USTINOVA, Ye.I.

Republic conference of phthisiologists in Bashkiria. Probl.
tub. 37 no.8:104-106 '59. (MIRA 13:6)
(BASHKIRIA--TUBERCULOSIS)

17(4), 30(1)

SOV/20-127-3-60/7:

AUTHOR: Ustinova, Ye. I.

TITLE: On the Investigation of Male Sterility of Maize

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 3,
pp 689 - 692 (USSR)

ABSTRACT: In order to reduce the production price of hybrid seeds the male sterility is used in the maternal maize varieties. This problem has been investigated in the USA since 1931 (Refs 3,6,8,9,11,12). In this case sterility is caused by the degeneration of the cytoplasm during the growth and by the development of pollen grains after meiosis which takes its normal course. The investigation of the problem in question was taken up in the USSR in 1947 (Refs 1,5); there exist already valuable maize varieties with male sterility. This paper gives informations as to the results of the cytological analysis of three maize varieties from the selection of Galeev (Ref 1). The following results were obtained by the Kubanskaya optychnaya stantsiya (Kuban' Experimental Station) of the Vsesoyuznyy institut rasteniyevodstva (All-Union Plant Breeding Institute): a) Slava steril'naya (simple hybrid), b) self-pollinated sterile line 44 (of 4th

Card 1/4

On the Investigation of Male Sterility of Maize

SOV/29-127-3-60/71

saturation), and c) self-pollinated sterile line 64. All these varieties were obtained by selection from self-pollinated lines and by subsequent cross-breeding (Ref 1). All these experiments are carried out according to a selection plan. The material for the cytological analysis was collected in various stages of development of the male inflorescence (from the IVth to the VIIth stage of organogenesis). M. A. Odintsova participated in the investigation. The varieties Kabardinskaya belaya zebro-vidnaya and Slava gibridnaya were used as control for comparison. The degree of sterility of the various varieties can be determined even before flowering by the investigation of the inflorescence: the anthers of sterile varieties are smaller, shrunk, and have few pollens; likewise the inflorescence has less lateral axes, buds, and ears. The normal course of meiosis (see above) was confirmed. In the prophase of the first division the homologous chromosomes conjugate in the stage of cy-gonema and diplonema and 10 bivalents are formed ($2 n = 20$). During the diakinesis the bivalents are considerably shortened. They are represented by short solid globules situated at the nuclear periphery near the envelope (Fig 1). The nucleolus is

Card 2/4

On the Investigation of Male Sterility of Maize

SOV/2c-127-3-6c/71

only preserved during the early diakinesis. At the beginning of the first meiotic division mitosis occurs in the tapetum cells; the maize tapetum develops according to the secretory type; when diakinesis sets in the tapetum in the anthers is already binuclear (Fig 1). From this fact and additional stages of development (Figs 2,3) the author concludes that the sterility of the maize varieties investigated is not caused by a meiotic disturbance. It is not related to the behavior of the nucleus during the development of the maternal cells into pollen tetrads (Fig 3 b). It was found that spermiogenesis is either entirely missing in the case of sterile varieties or is stopped after the formation of binuclear pollen. The pollen of sterile varieties did not show any formation of spermatozoa. Likewise, starch is missing in sterile pollen. The quantities of ascorbic acid, amino acids, heteroauxin, and fats are smaller than in normal pollen. The pollen of sterile varieties does not reach the stage of spermatogenesis. Its anthers degenerate before their opening. There are 3 figures, 1 table, and 12 references, 5 of which are Soviet.

Card 3/4

On the Investigation of Male Sterility of Maize

SOV/20-127-3-65/71

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

PRESENTED: March 16, 1959, by N. V. Tsitsin, Academician

SUBMITTED: March 13, 1959

Card 4/4

USTIMOVA, Ye. I.

Characteristics of the structure of female gametophytes and
the phenomenon of polyembryony in corn (*Zea mays* L.). Bot.
zhur. 45 no.5:764-767 My '60. (MIRA 13:7)

1. Moskovskiy gosudarstvennyy universitet.
(Corn (Maize)) (Ovaries (Botany)) (Polyembryony)

USTINOVA, Ye.I.

Embryological study of pistillate flowers in corn under different
light conditions. Nauch. dokl. vys. shkoly; biol. nauki no.1:94-98
'60. (MIRA 13:2)

1. Rekomendovana kafedroy genetiki i selektsii Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.
(Corn (Maize)) (Botany--Embryology)
(Plants, Effect of light on)

USTINOVA, Ye.I.

Cytoembryological study of the embryo sac and the process of fertilization in corn. Zhur. ob. biol. 21 no.4:261-269 Jl-Ag '60.
(MIRA 13:7)

1. Department of Genetics, Moscow State University.
(CORN BREEDING)

ALEKSANDROV, V.G., prof., red.; DVORYANKIN, F.A. prof., red.; KADEN, N.N., kand. biol. nauk, red.; KUPERMAN, F.M., prof., red.; L'VOVA, I.N., kand. biol.nauk, red.; PALAMARCHUK, I.A., kand.biol.nauk, red.; PODDUBNAYA-ARNOL'DI, V.A., prof., red.; PRONIN, V.A., kand.biol.nauk, red.; RZHANOVA, Ye.I., kand. biol.nauk, red.; ROSTOVITSEVA, Z.P., kand. biol.nauk, red.; SEREBRYAKOV, I.G., prof., red.; USTINOVA, Ye.I., kand. biol.nauk, red.; CHELYADINOVA, A.I., kand. biol.nauk, red.; YERMAKOV, M.S., tekhn. red.

[Morphogenesis in plants; transactions dedicated to the 100th anniversary of the publication of Darwin's "Origin of species."] Morfogenetika rastenii; trudy posveshchajutsia 100-letiju so dnia vykhoda v svet truda Charlsa Darvina "Proiskhozhdenie vidov." Moskva, Izd-vo Mosk. univ. Vol.1. 1961. 683 p. (MIRA 14:9)

1. Soveshchaniye po morfogenezu rasteniy, 1959.
(Botany—Morphology)

USTINOVA, Ye.I.; D'YAKOVA, M.I.; SHCHEDRINA, R.N.

Development of the embryo and endosperm in *Mirabilis jalapa* L.
under conditions of restricted pollination. Nauch. dokl. vys.
shkoly; biol. nauki no.3:173-179 '61. (MIRA 14:7)

1. Rekomendovana kafedroy genetiki i selektsii Moskovskogo gosudar-
stvennogo universiteta im. M.V.Lomonosova.
(FERTILIZATION OF PLANTS)

USTINOVA, Ye.I.

Cytological data on male sterility in corn. TSitologija 3 no.3:
266-271 My-Je '61. (MIRA 14:6)

1. Laboratoriya tsitologii Kafedry genetiki i selektsii Moskovskogo
universitete. (CORN (MAIZE)) (STERILITY IN PLANTS)

USTINOVA, Ye.I.

Embryologic investigation of the effect of foreign pollen on
the fertilization and ontogenesis of the sunflower embryo.
Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no.1:25-33 Ja-F '62.
(MIRA 15:1)

1. Kafedra genetiki i selektsii Moskovskogo universiteta.
(Fertilization of plants)
(Sunflowers)

BORSUK, R.A., red. (Moskva); BOCHAROV, Yu.S., red. (Moskva);
GINZBURG, A.S., red.; YEMEL'YANOV, S.V., red.; LANGE,
A.B., red.; LARIONOV, V.F., red.; MANUILLOVA, N.A., red.;
MATVEYEV, B.S., red.; PODDUBNAYA-ARNOL'DI, V.A., red.;
POTEMKINA, D.A., red.; TRANKOVSKIY, D.A., red.; USTINOVA,
Ye.I., red.; SHMIDT, G.A., red.; SHREDER, V.N., red.;
NECHAYEVA, Ye.G., red.

[Problems in modern embryology] Problemy sovremennoi embriologii. Moskva, Izd-vo Mosk. univ., 1964. 565 p.
(MIRA 17:5)

USTINOVA, Ye.I.; AFREMOVA, T.D.

Characteristics of the formation of the epical cone and reproductive organs in the barley under light of varying quality and under varying periods of daylight. Vest. Mosk. un. Ser. 6: Biol., pochv.
1964 no. 5, 36-45 S-0 '64. (MIRA 17:12)

1. Kafedra genetiki i selektsii Moskovskogo universiteta.

USTINOVA, Ye.I., kand. biolog. nauk

Biology of the flowering and pollinating of the sunflower. Agro-biologiya no.6:904-908 N-D '64.

(MIRA 18:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova, kafedra genetiki i selektsii.

USTINOVА, Ye. V.

Variability of female gasteropagellus nifover (Williamson & Arnolds L.)
Biol. M.M. Sts. biol. chisl. 1970:17: 41-51.
(TMA 17:11)

TIKHOMIROV, P.Ye., professor; USTINOVA, Ye.I., aspirant

Simplified campimetric test based on increased water intake. Vest.
oft. 69 no.2:22-24 Mr-Ap '56 (MILIA 9:7)

1. Iz kliniki glaznykh bolezney (zav. prof. P.Tikhomirov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta
(GLAUCOMA, diag.

simplified campimetric test with increased water intake)
(WATER
intake, increased, in simplified campimetric test for diag.
of glaucoma)

Ustinova E.I.
EXCERPTA MEDICA Sec.12 Vol.12/4 Ophthalmology April 58

674. THE WATER DRINKING CAMPIMETRIC TEST IN EARLY DIAGNOSIS
OF GLAUCOMA (Russian text) - Ustinova E.I. - VESTN.OFTAL.
1957, 4 (41-45) Tables 2

Five groups of patients, 50 in each group, were studied by the author. The first control group, in good general health, suffered from various eye diseases; the second group of patients suffered from glaucoma at various stages, 30 of these patients suffered from cardiovascular disease. The third group had glaucoma in one eye only, 27 were affected with cardiovascular disease; the fourth group was suspicious of glaucoma; in the fifth group, the patients suffered chiefly from hypertension and cardiac involvement. The campimetric test was done in a dark room. The blind spot was examined before and every 15 min. during the 1st hour and every 30 min. during the next 3 hr. The test was considered positive if after drinking of 200 ml. or 500 ml. of water, the blind spot was enlarged over 5° on the vertical diameter and more than 33% on the horizontal diameter. The test was positive in 96% of the glaucomatous eyes, in 90% of the patients with glaucoma in one eye, in 70.8% of the eyes suspicious of glaucoma; of this latter group the diagnosis was confirmed clinically in 50.8% of the eyes. In the patients, who suffered from cardiovascular disease, the blind spot was not enlarged. The influence of the water drinking test on the arterial pressure showed no appreciable change in the majority of the patients, so that the test can be used safely on elderly patients. The maximal enlargement of the blind spot was observed in an hour after the test, and the return to its normal size was usually between 2 to 3 hr. after drinking the water. The sensitivity of the test was but slightly affected by the use of 200 or 500 ml. of water, i.e., either quantity could be used effectively. Some methods were also used for comparison: the diurnal changes of the intraocular pressure, Filatov-Kolifa's elastotonometry, Zeidel's dark tonometric test. The author states that the water drinking campimetric test is highly sensitive and is one of the best methods in the early diagnosis of glaucoma. However, none of the tests are 100% correct, so that in eyes suspicious of glaucoma, various tests must be used for the correct diagnosis.

Sitchevska - New York, N.Y.

USTINOVA, Ye.I., aspirant

~~State of capillary permeability in patients with glaucoma. Oft.zhur.~~
12 no.1;31-34 '57.
(MLRA 10:8)

1. Iz kafedry glaznykh bolezney (zav. - prof. P.E.Tikhomirov)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta
(GLAUCOMA) (PERMEABILITY)

YSTROVA, YU. I.:

YSTROVA, YU. I.: "The significance of the campimetric test in the early diagnosis of glaucoma." Min Health USSR. Leningrad Sanitary-Hygiene Medical Inst. Leningrad, 1956. (Dissertation for the Degree of Candidate in Medical Sciences)

So: Knizhnaya letopis' No. 38, 1956 Moscow

USTINOVA, Ye.I., kand.med.nauk

Gomioscopic study of late results of some operations for glaucoma.
(MIRA 15:11)
Vest.oft. no.1:30-38 '62.

1. Kafedra glaznykh bolezney (zav. ~ prof. P.Ye. Tikhomirov)
Leningradskogo sanitarno-ginekologicheskogo meditsinskogo insti-
tuta.
(GLAUCOMA)

USTINOVA, Ye. I., kand. med. nauk

Method of registering and measuring the blind spot. Vest. oft.
no.2:49-51 '62. (MIRA 15:4)

1. Kafedra oftal'mologii (zav. - prof. P. Ye. Tikhomirov)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo insti-
tuta.

(GLAUCOMA) (BLIND SPOT)

USTINOVA, Ye.I., kand.med.nauk

Gonioscopic studies in iridencleisis, antiglaucoma iridectomy
and cyclodialysis. Vest.oft. no.4:22-31 '62. (MIRA 15:11)

1. Kafedra glaznykh bolezney (zav. - prof. P.Ye. Tikhomirov)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo insti-
tuta. (GLAUCOMA) (IRIDECTOMY) (CYCLODIALYSIS) (OPHTHALMOSCOPY)

USTINOVA, Yelena Ivanovna, kand.biol.nauk; PODDURNAYA-ARNOL'DI, V.A., doktor
biol.nauk, prof., red.; IVANOVA. K.A., red.

[*Embryology of the angiosperms with the fundamentals of cytology*]
Emбриология покрытосеменных растений с основами цитологии.
Moskva, Izd-vo Mosk. univ., 1965. 189 p.

(MIRA 18:9)

USTINOVA, Ye.N.; POLILOV, N.A.; KOSHELEV, V.I.

Improvement in the technique of scalpel manufacture. Med. prom. 13
no.8:31-37 Ag '59. (MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo
instrumentariya i oborudovaniya i Gor'kovskiy mediko-instrumental'nyy
zavod imeni V.I. Lenina.
(SURGICAL INSTRUMENTS AND APPARATUS)

KUZNETSOV, V.P., USTINOV, B.I.

Hosiery

Method of decreasing pulls in caprone stockings.
Leg. prom., No. 3, 1952.

Monthly List of Russian Accessions, Library of
Congress, June 1952. Unclassified

NEBAROV, V.N., kand. tekhn. nauk; USTINOVA, Ye.T., inzh.

Nonwoven fabrics for household and technical use. Tekst. prom.
19 no.5:73-77 My '59. (MIRA 12:10)
(Synthetic fabrics)

USTINOVA, Ye.T., inzh.; ZVEREVA, L.I.

Increasing the wear resistance of hosiery made of mercerized cotton
yarn. Tekst. prom. 19 no.6:42-43 Ja '59. (MIREA 12:9)
(Hosiery, Cotton)

USTINOVA, Ye.T.; USTINOVA, G.A.; KOMOVKINA, N.S.

Testing of new bonding substances for the manufacture of nonwoven
fabrics for various purposes. Nauch.-issl.trudy TSNIIKHBI '60
[publ. '62]:196-208. (MIRA 18:2)

S/727/61/000/000/009/009
I031/I242

AUTHOR: Ustinova, Ye.T.

TITLE: Manufacture of non-woven cloth by impregnation in synthetic latex

SOURCE: Sintez lateksov i ikh primeneniye. Ed. by A.V. Lebedev, A.B. Poyzner, and N.A. Fermor. Leningrad, Goskhimizdat, 1961, 332-337

TEXT: Fabrics can be manufactured by impregnation of defective fibres, unsuitable for weaving, and rejects from textile works with synthetic-latex glues. The investigation showed that a CKH-40-IGP (SKN-40-IGP) latex (butadiene-nitrile with 3% methacrylic acid) which has good adhesive properties and high resistance to hot liquids and chemicals, is the most suitable impregnation substance. Addition of melamine derivatives and epoxide resins facilitates the process and improves the final properties. Filter cloth and fabrics for clothes can be manufactured by this method. There are 3 tables.

ASSOCIATION: TsNIKhBI

Card 1/1

USTINOVA, Ye.T., starshiy nauchnyy sotrudnik; NEBAKOV, V.N.; RYBAKOV, K.V.,
starshiy nauchnyy sotrudnik

Nonwoven glued filter materials. Tekst.prom. no.2:65-69 F '63.
(MIRA 16:4)

1. Laboratoriya netkanykh materialov TSentral'nogo nauchno-issledo-
vatel'skogo instituta khlopcatobumazhnay promyshlennosti (TSNIKhBI)
(for Ustinova). 2. Khimiko-tehnicheskaya laboratoriya TSentral'ncgo
nauchno-issledovatel'skogo instituta khlopcatobumazhnay promyshlennosti
(TSNIKhBI) (for Nebarov).
(Nonwoven fabrics) (Filters and filtration)

BELOV, B.I., USTINOVA, Ye.T.; YEREMIN, S.K.

Use of some thermoplastic resins for the preparation of nonwoven fabrics with the adhesion method. Izv.vys.ucheb.zav.; tekhn.tekst. (MIRA 16:9) prom. no.3:98-102 '63.

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut narodnogo khozyaystva imeni G.V.Plekhanova.
(Nonwoven fabrics) (Resins, Synthetic)

USTINOVA, Ye.T., starshiy nauchnyy sotrudnik; VOYUTSKIY, S.S., prof.

Problems of the technology of nonwoven textile materials
manufactured with the method of bonding fibrous systems. Tekst.
prom. 23 no. 9:3-10 S '63. (MIRA 16:10)

1. Laboratoriya netkanykh materialov TSentral'nogo nauchno-issle-
dovatel'skogo instituta khlopchatobumazhnay promyshlennosti
(TsNIKhBI) (for Ustinova). 2. Moskovskiy institut tonkoy
khimicheskoy tekhnologii imeni Lomonosova (for Voyutskiy).
(Nonwoven fabrics)

USTINOVA, Ye.T.; VOYUTSKIY, S.S.

Manufacture of nonwoven filter materials by means of the impregnation of fibrous systems with the dispersions of high polymers. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.1: 92-96 '64. (MIRA 17:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut khlopchato-bumazhnoy promyshlennosti i Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova.

UST-NOMA, Ye.T.; VOROTILOV, S.S.

Manufacture of nonwoven filter fabrics by means of the impregnation
of fibrous systems with high-polymer dispersions. Tov. vys. ucheb.
zav.; tekhn. tehn. prot. no.4:93-90 "...

(NPA 17:12)

1. TSentral'nyy nauchno-issledovatel'skiy institut khimicheskoy
mashinostroyeniya; Moskovskiy institut tsvetnoy metalurgicheskoy
tekhnologii im. M.V. Lomonosova.

USTINOVА, Ye.T.; RYBAKOV, K.V.

Effect of the fibrous layer composition and single technological
conditions on the performance of fiber-bonded unwoven filter
fabrics. Nauch.-issl. trudy TSNIKHBI za 1962 g.:294-303 '64.
(MIRA 18:8)

USTINOVA, Ye.T.; SANDOMIRSKIY, D.M.; KOMOVKINA, N.S.

Improved technology of the manufacture of nonwoven interlining
fabrics. Nauch.-iss. trudy TSNIKHBI za 1962 g.:303-315 '64.
(MIRA 18:8)

L 40264.5

ACCESSION NO. AIP 1000

SEARCHED INDEXED SERIALIZED FILED

TYPE: AIR FILTERS

TITLE: M-1000: industrial filter, air conditioning equipment.

SOURCE: byulleten' izobretens' i tovarnykh shakov, no. 12, 1964, 12

TOPIC TAGS: Industrial filter, air conditioning equipment, synthetic material

translation: A method has been proposed for determining the degree of dirtiness of the air. The filters consist of a mixture of cellulose acetate and polyvinyl chloride. The filter is cleaned by

boiling water and dried naturally. Synthetic filters with a fine gauge are used. A method of this name describes in which 0.5 grams per liter of insoluble salt is introduced into the filter after cleaning.

Card 1/2

ACCESSION NR: AP5012324

ler to make the filter material heat resistant. 4. A method of this
scription in which an OF type compound is introduced into the latex dis-
tribution system to make the product more durable.

ASSOCIATION: Nauchno-issledovatel'skiy in-titut sanitarnoy tekhniki Akademii
Nauk SSSR (Academy of Sciences Institute of Sanitary Engineering)

SUBM DATE: 1980-08-14 00:00:00

NO. PGP: 00000000000000000000000000000000

USTINOVA, Ye.T.; VOYUTSKIY, S.S.

Production of nonwoven filter materials by means of the impregnation
of fibrous systems with high-polymer dispersions. Izv. vys. ucheb.
zav.; tekhn. tekst. prom. no.1:104-110 '65. (MIRA 18:5)

I. TSentral'nyy nauchno-issledovatel'skiy institut khlopchatobu-
mazhnay promyshlennosti i Moskovskiy institut tonkoy khimicheskoy
tekhnologii imeni Lomonosova.

USTINOVA, Ye.T.; VOYUTSKIY, S.S.

Production of nonwoven filter materials by means of the
impregnation of fibrous systems with high polymer dispersions.
Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.2:108-113 '65.

(MIRA 18:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut khlopchato-
bumazhnoy promyshlennosti i Moskovskiy institut tonkoy khimi-
cheskoy tekhnologii imeni Lomonosova.

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Card 1/2

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Card 181

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